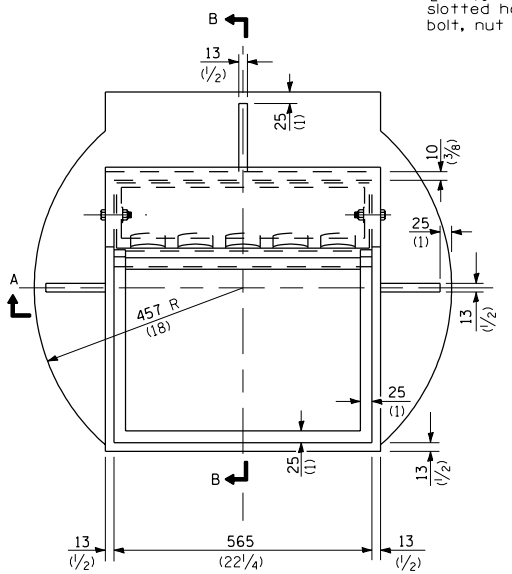
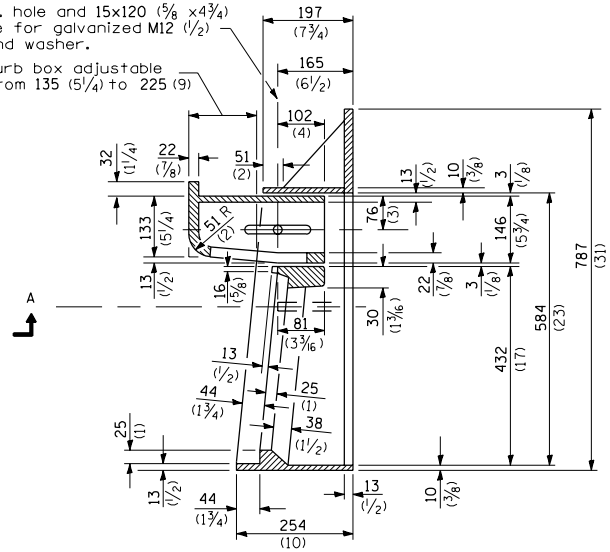
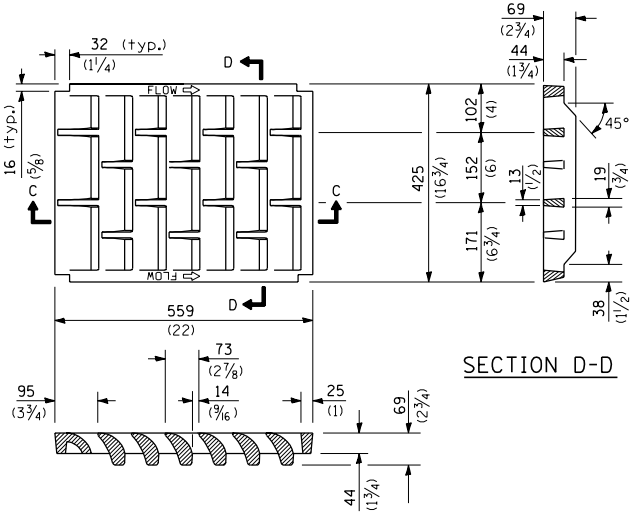




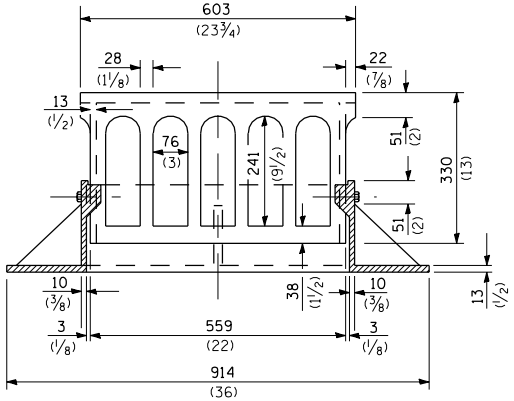
SECTION B-B



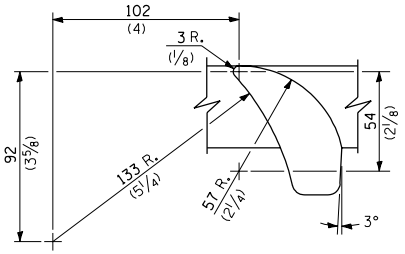
SECTION D-D

SECTION C-C

CAST GRATE



SECTION A-A



VANE DETAILS

CAST FRAME

All dimensions are in millimeters (inches) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2004
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2004
Michael L. Hine
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-04	Revised frame and
	removed weights.
1-1-02	Added support bar to
	rear of frame opening
	& rev. frame thickness.

FRAME AND GRATE TYPE 3V

STANDARD 604011-02